

61
The Feldspars, Phase Relations, Optical Properties,
and Geological Distribution, by
A. S. Martignole.
RUSSIAN, per. Trans. Institute Geologii i
Mestorobudeniya, Petrography, Mineralogy &
Geochimistry, No 74, 1962, 259 pp.
CINEL TF 65-30091

Sci-Har Sci
Oct 66

815,091

New Optical Orientation Diagrams for the Alkali
Feldspars, by A. S. Marfunin, 3 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 939-942.

AGI

Sci

Aug 61

163, 838

36
Chemical Bond Estimation From Superfine
Structure of Electronic Paramagnetic Resonance
Spectra of Manganese, by L. V. Bershov,
A. S. Marfunin, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,
No 3, 1964, pp 632-636.
JPRS 25115

Sci - Chem
Jun 64

261,992

Errors in Measurements on a Fedorov Stage, Due to
Birefringence in Glass Segments, by A. S. Marfunin,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1959, pp 98-100.

AGI

Sci

Jan 61

157, 957

Centennial of Microscopic Petrography, by
A. S. Marfunin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,
No 1, 1960, pp 120-124.

Amer Geolog Inst

Sci

132, 545

Nov 60

A Env Diagram for the Optical Properties of Acid
and Intermediate Plagioclase, by A. B. Marfunin,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1183-.

Consultants Bureau

Sci - Geophys

Jan 59

79,978

The Optics of Submicroscopically Twinned
Crystals, by A. S. Marfumin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 869-872.

AGI

Sci

Jun 61

152, 269

The Isolation of Variola Virus in eggs,
by S. S. Marennikova, 5 pp.

~~RUSSIAN, 1960, Soviet Medical Encyclopedia, 1960, Vol. XXXI, No 6, 1960, pp 102-106.~~

PP

165,589

Sci.

May 61

Hydrography and Phytoplankton of the Castellon
Coast From July 1957 to June 1958, by R.
Margalef.

SPANISH, per, Investigacion Pesqueras,
Vol XV, 1959, pp 3-38.

CSIRO 5275

Sci - Geophys
Jul 62

207, 621

English Title Unknown, by R. Margaria.
GERMAN, por, Arbeitsphysiologie, 1930, pp 261-272.
*NASA TT F-11,774

R. Margaria

June 68

Some Important and Urgent Problems of Aviation
Medicine, by Prof B. Margaritis, 13 pp. UNCLASSIFIED

Full translation.

ITALIAN, per, Rivista Di Medicina Aeronautica, Vol
XXX, No 3, 1950, pp 351-362.

AND 7-73-7727

Scientific - Medicine

A 7599

W Eur - Mil - Medical - Human Physiology

33
Human Ability to Walk Under Decreased Air
Pressure, by R. Margaria.
GERMAN, par, Arbeitsphysiologie, Vol 2,
1930, pp 261-272.
RUSA TT 1-11,774

R. Margaria

Sof
Dec 68

371,205

Vulcanization of Rubber, by V. B. Margaritov, 5pp
RUSSIAN, per, Uspekhi Khimii, Vol 20, 1941, No 2,
pp 224-255
SLA TR-62-10086
SLA TR-61-20358

V. B. Margaritov

Sci - Mat
July 67

330,845

Conductivity of Weakly Ionized Air at High
Frequencies, by H. Margenau, E. Desloge, D.
Stillinger, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 8, 1959, pp 1040-1049.

Columbia Tech

Sci

Oct 60

130,307

NaI₂, and KCl Compounds, by Robert Rombstein,
Jean Margerie, 5 pp.
FRENCH, per, Comptes Rendus, Vol CCLVIII,
2 Mar 1964, pp 2525-2528. 9224945
AEC-ORNL-Tr-156

Sci-Chem
Nov 64

268,721

Pseudomonas Aeruginosa Infections (Pyocyanous Infections) in Infants and Young Children,
by Renato Paul, H. Marget, 13 pp.
GERMAN, par, Deut Med Wochenschrift, 1963,
V 88, No 34, pp 1638-1643.

RE
SLA ET 64-18635

H. Marget

Jul 66

305,423

Researches on the Behavior of Different Mineral Substances, of Phosphatase, Cholesterol, total-protein and Residual-urea Content, and of Serum-protein Fractions After Fracture Trauma and Nailed Fractures, by G. Haase, W. Merggraf, 17 pp.

CHITMAN, per, Langenbecks Arch u Dtsch Z Chir, Vol CCLXXX, No 6, 1955, pp 641-647.

NIH 9-2

Scientific - Biology
Nov 56 CTS

40, 424

Blood Transfusion and Blood Clotting. Changes in Individual Clotting Factors or Clotting Complexes in Stored Blood and the Influence of the Intravascular Clotting Milieu in Humans After Transfusion of Stored Blood and Fresh Blood, by Wilhelm Marggraf, 18 pp.

CHITMAN, per, Erg & Bluttransfuschg, No 3, 1957, pp 108-120.

MIN 4-6

Bol - Med

May 50

86.004

The Reaction of Nitrites With Amino-Sulfonic Acid
and an Identification and Determination of Nitrous
Acid in the Presence of Nitric Acid, by Paul Baumgarten
Ilse Marggraff.

GERMAN, per, Per, Vol LXIII, 1930, pp 1019-1024.

AEC Tr 1678

HEur - Germany
Scientific - Chemistry

Sep 53 CTS

5686

Determination of the Tannins in Wine by
Ultraviolet Spectrophotometry, by
G. Margheri.

ITALIAN, per, Revista di Viticoltura e
di Enologia, Vol XIII, 1960, pp 401-406.

CSIRO/No 6212

Sci-Chem
Jun 63

234,612

ECONOMIC EFFECTIVENESS OF NEW TECHNOLOGY IN THE
MECHANIZATION OF AGRICULTURE, BY N. MARCHIDAN,
I. BIANU, 31 PP

RUMANIAN, PER, PROBLEME ECONOMICE, VOL XVI, NO 7,
1963, PP 49-63

JPRS 21158

EE-RUMANIA
ECON
SEP 63

343,582

The Behavior of the Cutaneous Electric
Resistance in Parkinsonian Syndromes,
by G. Margherita,
ITALIAN, per, Acta Neurol, Vol 19, No 5,
1964, pp 698-706.
NIM 5-47-65 (On Loan)

G. Margherita

Sci/BQM
Jul 65

283,667

53
The Behavior of the Cutaneous Electrical
Resistance in Parkinsonian Patients after
Thalamolysis, by G. Margnorita,
ITALIAN, per, Acta Neurol, Vol 19, No 5,
1964, pp 707-713.
NIN 4-61-65

Sci-BGM
May 65

280,901

(DC-1639)

Technical Means of Increasing Agricultural Production of Collective Farms in Cluj Regiune, B by I. Margineanu, 16 pp. UNCLASSIFIED

RUMANIAN, no per, Probleme Agricole, Vol IX, No 12, Bucharest, Dec 1957, pp 76-88.

US JPRS/DC-L-423

EEur - Rumania
Eco - Agriculture

66,080

14
Progress Report on the Development of the
European Atomic Energy, by Ion Mărgineanu,
Gheorghe Rădulescu, 3 pp.
RUMANIAN, op. Science, Vol. XXIII, No. 6203,
20 May 1964, p. 1.
JPRS 5548

EE-Environ
Econ
Aug 64

265,167

MARGINEANU, ION

The Complex Problem of the USSR and Soviet-Chinese
Scientific Collaboration, by A. Margolin, 2 pp.

RUSIAN, per, Voprosy Ekonomiki, Vol I, No 7, 1958,
pp 156-158.

Internatl Arts and Sci Press

USSR
Econ
Dec 58

78,453

Specialization and the Comprehensive Development
of the National Economy of the Economic-
Administrative Areas of the Far East, by
A. B. Margolin, 15 pp.

RUSSIAN, rpt, Problemy Narodnogo Khozyaystva
Dal'nego Vostoka, 1963, pp 213-239.

ACSI I-3722
ID 2251748

Far East
USSR
Econ
Dec 63

244, 027

Stability of Burning of Porous Explosives,
by A. D. Margolin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 4,
1961, pp 867-869. 9664226

FTD-FT-61-389

OTIA 19114

Sci - Phys

2 Mar 62

186,256

THE LEADING STAGE OF COMBUSTION, BY A. D. MARGOLIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 5,
1961, PP 1131-1134.

CB

SCI - PHYS CHEM

SEP 62

209,640

Constant Pressure, by A. D. Margolin, 17 pp.

RUSSIAN, per, Inzhenerayy Zhurnal, Vol. III, No 3, 1963.

JPRS 22567

Sci.

Jan 64

246,234

The Leading Stage of Burning, by A. D.
Margolin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Fiz Khim,
Vol CXLI, No 5, 1961, pp 1131-1134.
9677231

FTD-TT-62-229

Sci - Phys

18 Jun 62

207,158

(SF-1330)

Meeting of Petroleum-and-Gas and Chemical Societies,
by D. L. Margolin, 11 pp.

RUSSIAN, per, Zhur Vsesoyuznogo Khim Obshch imeni
D. I. Mendeleeva, Vol V, No 4, Aug 1960,
pp 460-465.

JPRS 4332

Sci - Chem

Feb 61

139, 276

(SP-1879)

Results of the Competition for the Best Works of the
Central Board of the All-Union Chemical Society
Imeni D. I. Mendeleev for 1959, by D. L. Margolin,
G. A. Rudakov, 15 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I.
Mendeleeva, No 1, 1961, pp 102-107.

JPRS 11920

180,387

Sci - Chem

Jan 62

(NY-4880)

Sixty Ninth Report and Election Meeting of the
All-Union Chemical Society imeni I. Mandeleev,
by D. L. Margolin, 22 pp.

RUSSIAN, par, Zhur Vsesoyuznogo Khim Obshch imeni
D. I. Mandeleeva, Vol V, No 1, 1960, pp 97-101.

JPRS 7515

Sci - Chem

Feb 61

139,271

X-Ray Investigation of the Nature of Fracture Under
Impact Loading, by D. M. Vasil'ev, G. I. Margolin,
S. V. Dianov, 6 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 2119-2124.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Physics
Oct 57

54, 561

Voluminous and Shaped Yarn From Chemical
Fibres, by I. Margolin.

RUSSIAN, per, Tekstil'naya Promy, Vol XXI,
No 1, 1961, pp 14-19.

CSIRO/No 5749

Sci-Chem
Mar 63

225,289

Fundamentals of Infrared Technology, by I. A.
Margolin, N. P. Rumyantsev, 318 pp, (AF 708468).

RUSSIAN, bk, Osnovy Infrakrasnoy Tekhniki, 1955,
264 pp. *CIA D 603239 also 603334*

CIA 604259-C

ATIC F-TS-10089/V

Sci - Physics
Aug 57

57, 205

Infrared Instruments for Military Purposes, by I. A.
Margolin, M. P. Ruyantsev, bk pp.

RUS:DXAN, bk, Osnovy Infrazhannoi Tekhniki, 2nd Ed,
1957, pp 276-303. CIA 647192

ATTC P-TS-9672/v

Sci - Electron
Apr 59

85,017

Letter to the Editor Concerning the Paper by
N. V. Churaev, by I. Z. Margolin, 2 pp.

RUSSIAN, per, Kolloid Zhur, Vol XVII, No 1,
Jan-Feb 1955, pp 76. CIA D 151334

Consultants Bureau

24,437

Scientific - Chemistry Jun 55 CTS/DEX

49
Short Period Forecasting of High-Water Hydrographs,
by L. M. Margolin, 43 pp.
RUSSIAN, per. Moscow: Otdel, Moscow, No 7,
1964, pp II-23,
JPRS 26189

Sci - ES/A
Sep 64

264,102

METEOROLOGICAL AND HYDROLOGICAL NEWS ITEMS, BY
L. M. MARGOLIN, R. J. MAKAROV, ET AL, 5 PP.

RUSSIAN, PER, MET I GID, NO 10, 1963, PP 63, 64.

JPRS 22048

SCI-EAR SCI
DEC 63

212,989

(NY-2900/5).

Air-Separation Units, by K. N. Ivanov, L. R.
Margolin, 6 pp.

RUSSIAN, per, Kislored, No 2, 1959.

JPRS-1982-N

USSR
Econ - Technological - Chemical Machinery
Nov 59

100,555

(NY-2900/2).

~~Small and Medium Capacity Installations for the~~
~~Production of Liquid and Gaseous Nitrogen~~, by
K. N. Ivanov, L. R. Margolin, V. D. Zubchik, 8 pp.

RUSSIAN, per, Kinlorod, No 1, 1959.

JPRS-1798-N

USSR
Econ
Jul 59

93,099

Calculation of a Vacuum-Tube Oscillator With a
Complex Load Under Overloaded Operating Conditions,
by M. G. Margolin, 16 pp.

RUSSIAN, per, Radiotekh, Vol XIII, No 10, 1958,
pp 29-38.

PP

Sci - Engr
Oct 59

99,127

The Relationship Between Valve and Transistor Parameters, by M. G. Margolin, 10 pp.

RUSSIAN, per, Radiotekhnika, Vol XIII, No 2, 1958, pp 79-85.

Pergamon Press

Sci - Electron

Sep 59

96,670

Auto Anode Modulation of Tube Oscillators,
by M. G. Margolin, 23 pp, (AF 640651).

RUSSIAN, bimo per, Radiotekhnika, No 4,
Jul/Aug 1954, p 33. CIA V 6150

ATIC F-1B-8442/V

Scientific - Electronics 34,976

Jun 56 CTS/dex

Magnetic Investigations of Alloys of the
System Cr-Ge, by S. D. Margolin, I. G.
Fakidov, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol
No 6, 1960, pp 823-827.

PP

Sci

156, 183

Jun 61

Application of the Photoresistance of CdS in
Combination With Phosphors as a Detector for
Cobalt-60 Gamma Rays, by S. D. Margolin, I. G.
Fekidov,

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CV, 1955,
pp 976-977.

AEC Tr-4000

Sci - Chem

May 60

117,343

R-900

(NY-2928).

Measures for Sharp Curtailment of Output of Anthracite
Fines in the Donbass, by V. A. Margolin, 11 pp.

RUSSIAN, per, Ugol', No 7, 1959, pp 55-58.

JPRS-L-978-N

USSR

Econ - Coal Industry

Sep 59

97,691

Influence of Small Additions upon Crystallisation and Physical Properties of Some Alloys and Alloy Steels, by V. Messkin, Y. Margolin, 16 pp.

RUSSIAN, per, Stal, Vol I, No 5, 1941, pp 47-53. (loan copy only)

SLA R-1927

Sci
Aug 58

70,961

Hydrogen in Transformer Steel, by V. S. Mes'kin,
Yu. M. Margolin

Full translation.

RUSSIAN, per, Soobshcheniya Leningradskogo Instituta
Metallov, No 13, 1933, pp 42-82.

Brutcher Tr No 57

Scientific - Ch^emistry

Jul 53 CTS/DEX
Price \$1.50

2970

The Freezer-Fishing Trawler, by M. I. Dionidov, E. G.
Morgoline. UNCL

SSIAN, per, Sudostroyeniye, Vol XXV, No 4, 1940,

^V
Navy Tr 2841/BuShiy's 749

SR
:CN
R 61

160,997

Magnetic Structure of Small Monocrystalline
Particles of MnBi Alloy, by Ya. S. Shur, E. V.
Shtol'ts, V. I. Margolina, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII,
No 1, 1960, pp 46-50.

Amer Inst. of Phys
Sov Phys - JETP
Vol XI, No 1

Sci -
Aug 60

122,138

Concerning the Nature of the Self-Adhesion
(Authesion) of High-Molecular Substances, by
S. S. Voyutskiy, Yu. L. Margolina, 30 pp.

RUSSIAN, per, Uspekhi Khim USSR, Vol XVIII,
No 4, 1949, pp 449-461.

SIA 59-15938

Sci
Dec 59
Vol 2, No 4

102,781

Concerning the Nature of the Self-Adhesion (Autohesion)
of High-Molecular Substances, by S. S. Voyutskiy,
Yu. L. Margolina, 30 pp.

RUSSIAN, per, Uspekhi Khim, Vol XVIII, No 4, 1949,
pp 449-461.

SLA 59-15938

Sci - Chemistry
Nov 59

103,310

Hydrography and Phytoplankton of the
Castellon Coast From ~~XIX~~ XX July 1956 to
June 1957, by J. Herrera, R. Margaleff.

SPANISH, per, Investigacion Pesquera, No 10,
1957, pp 17-44.

CSIRO Tr 5279

LA - Spain
(Geog
Oct 61

171,337

INVESTIGATION OF TONIC REFLEXES ON STIMULATION
OF DIFFERENT HUMAN SENSE ORGANS, BY G. M.
MARGOLIN, 6 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI
I. M. SECHONOVA, VOL XLVIII, NO 1, 1962,
PP 95-97. 9665945

FTD-TT-62-558

SCI - MED
AUG 62

207,962

The State of Affairs and Problems of Our Party
Organization in the People's Democracy of Bulgaria,
by Alekos Margaritis, 13 pp

Full Translation.

GREEK, per, Ecos Kosmos, Vol C. No 11, Athens, Nov
1951, Encl 1 to State Dept Despatch 1295, Athens,
28 Apr 1952.

State Tr

EEu - Bulgaria, Greece

Political - Communism

Jun 54 CTS DEX

CIA 771331

A7598

(S-5385)

(NY-2948)

For the Fulfillment of the Seven-Year Plan Ahead of
Time, by D. A. Margolis, 3 pp.

RUSSIAN, per, Medit From SSSR, No 7, 1959, pp 6-8.

JPRS-L-1016-R

Sci - Med
Nov 59

100,568

Simultaneous Microdetermination of Carbon, Hydrogen
and Sulfur, by E. I. Margolis, N. P. Egorova, *944*,

RUSSIAN, per, Vestnik Moskov Univ, Ser Matematiki,
Mekhaniki, Astronomii, Fiziki, Khimii, Vol XIII,
No 4, 1958, pp 209-213.

SLA 62-10247
ATS RJ-2019

ATS-FIL 34 R

Sci - Chem

Jan 60

105,681

The Problem of the Study of Night Vision of Certain
Ship Specialists, by E. M. Margolis, 2 pp.

RUSSIAN, no per, Voenno-Med Zhur, No 12, 1955,
pp 61-65, Encl to IR 1265-57, AFOIN-1A1.

AF 1083495

46,365

Sci - Medicine
Apr 1957 CTS/dex

The Reaction of Potassium Chloride With a Mixture
of Sulfur Dioxide, Water and Steam, by F. G.
Margolis, Z. N. Lunskaya, S. I. Volfkovich,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,
May 1955, pp 453-458. CIA C 39706

28,912

Consultants Bureau

Scientific - Chemistry

Nov 55 CTS/DEX

Oxidation of NH_3 with O_2 in the Presence of Water
Vapor, by F. G. Margolis, A. M. Dubovitzkiy, 12 pp.

RUSSIAN, Trans Sci Inst Fertilizers, No 92, 1932,
pp 59-67.

SLA R-2878

Sci

Jul 59

92, 353

The Dendritic Structure of the Ammonium Nitrate
and its Effect on Caking of the Salt, by A. M.
Dubovitsky, F. G. Margolis, and T. V. Glazova,
1/2 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 4,
Apr 1954, pp 368-375. CIA C 38934

Consultants Bureau

Scientific - Chemistry

27,004 CTS 73/Oct 55

The Production of Dicalcium Phosphate and Ammonium Nitrate by the Nitric Acid Decomposition of Phosphates, by P. G. Margolis et al.

RUSSIAN, per, Khim Prom, ~~Vol. 25~~, No 1, PP 26-31.

ATS RJ-1705 1956

ATS-64L30R

Sci - Chem

Jul 59

90,869

Margolis, F.G., Lunskeya, Z.N. and
Vol'fkovich, S.I.

REACTION DU CHLORURE DE POTASSIUM AVEC UN
MELANGE D'ANHYDRIDE SULFUREUX D'AIR ET DE
VAPEUR D'EAU (Vzaimodeistvie Khloristogo Kaliya so
Smes'yu Sernistogo Gaza, Vozdukh i Vodyanogo Para)
(The Reaction of Potassium Chloride With a Mixture of
Sulfur Dioxide Water and Steam). 18p. (foreign text
included) 2 refs. CNRS-VIII bis 338.
Order from OTS, ETC or CNRS \$1.60 TT-62-28169

Trans. in French of #Zhurnal Prikladnoi Khimii
(USSR) 1955, v.28, no.5, p.453-458.

DESCRIPTORS: *Potassium compounds, Chlorides,
Sulfur compounds, Dioxides, Air, Water vapor,
*Sulfates, Catalysts, Pyrites.

(Chemistry--Inorganic, TT, v. 11, no. 8)

TT-62-28169

- I. Margolis, F.G.
- II. Lunskeya, Z.N.
- III. Vol'fkovich, S.I.
- IV. CNRS-VIII bis 338
- V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

The State and Trends of Fertilizer Manufacture by the Nitric Acid Treatment of Phosphates in the Capitalist Countries, by A. M. Dubovitsky, F. G. Margolis, 10 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 3, 1956, pp 321-329. CIA 9000995-C, Reel No 42

Consultants Bureau

Sci - Chemistry
Nov 56 CTS

40,504

Margolis, L. D.
OXIDATION OF TOLUENE TO BENZALDEHYDE.
[1961] 6p. 18 refs.
Order from OTS or SLA \$1.10 61-18033

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1941,
v. 14, p. 827-833.

DESCRIPTORS: *Toluenes, Oxidation, *Benzaldehydes,
Electrolysis, *Electrochemistry.

Oxidation of toluene to benzaldehyde can be carried out
with oxidizing agents capable of electrolytic regenera-
tion. For this purpose a solution of manganese sulfate
in sulfuric acid of specific gravity 1.500 is suitable.
The oxidizing agent may be regenerated in an apparatus
with lead electrodes without a diaphragm. This may
easily be carried out under plant conditions. The opti-
mal conditions of oxidation of toluene and of regenera-
tion of the oxidizing agent are: (a) specific gravity of
sulfuric acid used for the bath, 1.500; (b) temperature
(Chemistry--Organic, TT, v. 6, no. 7) (over)

at which the current is passed. 509; (c) current density

61-18033

I. Margolis, L. D.

Office of Technical Services

61-18033

Modification of Catalysts for the Oxidation
of Hydrocarbons, by L. Ya. Margolis,
E. Kh. Enikeyev, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III,
No 2, 1962, pp 181-188.

CB

Sci

Jan 63

220,668

Kinetics of the Oxidation of Propylene to Acrolein
on Copper Catalyst, by O. V. Isayev, L. Ya. Margolis,
4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 2,
1960, pp 237-241.

CB

Sci
Jul 61

161,254

The Mechanism of the Oxidation of
Acrolein on a Cuprous Oxide Catalyst, by O. V.
Isayev, L. Ya. Margolis, I. S. Sazonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 141-144.

~~RUSSIAN, per, No,~~

~~195~~

CB

Sci

Oct 60

131,245

Physicochemical Investigations in the Field of the
Ammonia-Soda Process. IV. Kinetics of Crystalli-
zation of Sodium Bicarbonate Out of Supersaturated
Solutions, by A. P. Belopol'skiy, F. G. Margolis,
26 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XX, No 4, 1947,
pp 331-344.

Sci Tr Center
RT-1594

Scientific- Chemistry

CTS/DEX

18,781

Catalytic Oxidation of Various Classes of
Organic Compounds in a Jet, by
L. Ya. Margolis, G. M. Todes.
RUSSIAN, per, Zh Obshchey Khim, Vol 18,
No 6, 1948, pp 1043-1050.
Dept of Navy NRL Trans No 1171

Sci-Chem
June 69

383,154

The Effect of the Surface Charge of Zinc Oxide
on the Rate of Chemisorption of Oxygen, by E. Kh.
Enikseyev, L. Ya. Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 372-375.

CB

Sci

Oct 60

130,070

Fundamental Relationships in the Catalytic Oxidation
of Hydrocarbons. I. Adsorption of Hydrocarbons
on Oxidation Catalysts, by L. Ya. Margolis.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk SSSR,
No 10, 1958, pp 1175-1183. 904911-7

ATS RJ-1921

ATS-99L 34R

Sci - Chem
Dec 59

104,095

Modification of a Silver Catalyst by Organic
Halogen Compounds, by Yu. N. Stepanov, L. Ya.
Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 369-372.

B EE CB

Sci

167, 393

Jul 61

Mechanism of the Catalytic Oxidation of Simple
Unsaturated Hydrocarbons on Metals and Semiconductors,
by L. Ya. Margolis, S. Z. Roginskiy. UNCL

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX,
Isotopy v Katalize, 1957, pp 107-116. 9077077

DSIR LIU M.904

RJ-2407

OTS 60-13778

(loan)

Sci - Chem

Mar 60

111, 135

A Study of Oxygen Exchange on Vanadium Catalysts by
the Use of O^{18} , by L. Ya. Margolis and E. G. Flyshevskaya,
5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 415-421.

Consultants Bureau

UKSM (R-103-17)
SLA R-3626

USSR

Scientific - Chemistry

Mar 54 CTS/DEX

10, 726

New Method of Demarcation of the Physical and
Chemical Adsorption on Oxide Semiconductor
Catalysts, by S. Yu. Glavich, L. Ya. Margolia.
4 pp. USSR

RUSSIAN, per, Dok Ak Nauk SSSR (fiz khim),
Vol CVII, 1956, pp 112-114. CIA 9039026

ACSIL 1033

Sci - Chem
Jun 59

88, 442

Catalytic Oxidation of Propylene to Acrolein. I,
by O. V. Isayev, L. Ya. Margolis, S. Z. Roginskiy,
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1522-1527.

Consultants Bureau

Sci

Jul 60

120,452

A. Copper Catalyst for the Oxidation of Propylene to
Acrolein, by O. V. Iusev, M. Ya. Kushnerov, L. Ya.
Margolis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 104-106.

Consultants Bureau

Sci - Chem

May 59

87,032

Oxidation of Propylene to Acrolein on Vanadium and
Molybdenum Catalysts, by I. L. N. Kutsava, L. Ya.
Margolis, 5 pp.

~~RUSSIAN~~ RUSSIAN, per, Zhur Obshch Khim, Vol XXXII,
No 1, 1962, pp 102-107.

CB

Sci

Oct 62

216,154

The Surface Charges of Semiconducting Oxides in
the Adsorption of Gases and Vapors, by E. Kh.
Zhilkeyev, L. Ya. Margolis and S. Z. Roginskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,
1959, pp 606-608.

Consultative Bureau

Sci

Feb 60

108, 160

Oxides of Transition Metals as Catalysts of
the Oxidation of Hydrocarbons, by L. Ya.
Margolis, S. Z. Roginsky, T. A. Gracheva, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 5, May 1956, pp 1368-1370.

Consultants Bureau

Sci - Chemistry
May 57

47,294

Assoc Tech Sv RI-574

\$4.75

Oxidation of Propylene on Cobalt-Manganese Spinels
with Lithium, Titanium, and Copper Oxides Added
By V. R. Linde, L. Ya. Margolis (p. 5)

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1962, pp. 1723-1727

CB

Sci

Aug 63

343,073

Investigation of Adsorption of Gases on Manganese
Dioxide by the Electric Conductivity Method, by
S. Yu. Elovich, L. Ya. Margolis, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 2, 1957, pp 206-210.

Columbia Tech

Sci - Physics
May 58

62,987

Alteration of the Work Function of Oxide Semiconductors
by the Introduction of Additives, by E. Kh,
Enikeyev, L. Ya. Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 807-809.

CB

150,017

Sci

Apr 61

Modifying of Catalysts for Hydrocarbon
Oxidation, by E. Kh. Enikeyev, O. V. Isayev,
L. Ya. Margolis, 8 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I,
No 3, 1960, pp 431-439.

CB

168,551

Sci
Sep 61

Specificity of the Catalytic Oxidation of Un-
saturated Hydrocarbons, by L. Ya. Margolis,
S. Z. Roginskiy, 6 pp.

Full tr

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk,
No 3, 1956, pp 281-286. CIA 9000402

Consultants Bureau

Assoc Feb 89-76
Sci - Chemistry
Sep 56 cto

38,672

The Fundamental Laws of the Catalytic Oxidation
of Hydrocarbons. Communication 2. Oxygen
Absorption on Oxidation Catalyst, by L. Ye.
Margolia, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1959, pp 225-231.

Consultants Bureau

Sci - Chem

Apr 60

113,215

Kinetics of the Oxidation of Simple Unsaturated
Hydrocarbons in the Presence of Vanadium Contact
Catalysts, by L. Ya. Margolis, E. P. Malyarova,
S. Z. Roginsky, 7 pp

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk,
No 6, 1954, pp 958-965. CIA C 41022

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

32, 014